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**FACSIMILE TRANSMISSION**

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**TO:** Examiner Carla J. Myers, Group Art Unit 1634  
**FAX:** 571-273-8300 **TELEPHONE:** 571-272-0747  
**FROM:** Misha Gregory Macaw, USPTO Reg. No. 55,417  
**DATE:** November 20, 2005 **ATTORNEY DOCKET NO.:** HrdMgmtCIP  
**TOTAL PAGES:** 13 (including this cover page) X Facsimile Filing

**LETTER OF FACSIMILE TRANSMITTAL**

First Named Inventor: Jack C. Whittier  
Serial Number: 09/879,480  
Filed: June 12, 2001  
Title: Integrated Herd Management System Utilizing Isolated  
Populations of X-Chromosome Bearing and Y-Chromosome  
Bearing Spermatozoa  
Assignee: Colorado State University through its agent Colorado State  
University Research Foundation  
Attorney Docket No.: HrdMgmtCIP

Enclosed for filing in the above application please find the following:

1. a First Supplement to Response and Request for Reconsideration under 37 C.F.R. §1.111 (10 pages);
2. this Letter of Facsimile Transmittal (2 pages); and
3. a Certificate of Facsimile Transmittal (1 page).

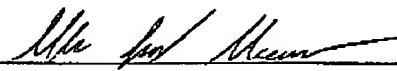
Please confirm receipt of the documents by return facsimile indicating the date of receipt and application number.

I have this 20 day of November, 2005, either myself personally or through my direction of staff at this office, forwarded all of the items in the above Letter of Transmittal via Facsimile Number 571-273-8300, Attention: Carla J. Myers, Group Art Unit 1634.

Dated this 20 day of November, 2005.

Respectfully Submitted,  
SANTANGELO LAW OFFICES, P.C.

By:

  
Misha Gregory Macaw  
USPTO Reg. No. 55,417  
125 South Howes, Third Floor  
Fort Collins, CO 80521  
(970) 224-3100

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**NOV 20 2005**

Facsimile Number: 571-273-8300

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

Application Number: 09/879,480  
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and  
George Seidel  
Filed: June 12, 2001  
Title: Integrated Herd Management System Utilizing Isolated  
Populations of X-Chromosome Bearing and Y-Chromosome Bearing  
Spermatozoa  
TC/A.U: 1634  
Examiner: Carla J. Myers  
Assignee: Colorado State University through its agent Colorado State  
University Research Foundation  
Attorney Docket: HrdMgmtCIP  
Customer No. 33549


**CERTIFICATE OF FACSIMILE TRANSMISSION**

I, Misha Gregory Macaw, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day forwarded the foregoing First Supplement to Response and Request for Reconsideration under 37 C.F.R. §1.111; Letter of Facsimile Transmission; and this Certificate of Facsimile Transmission via Facsimile Number 571-273-8300, Attention: Carla J. Myers, Group Art Unit 1634.

Dated this 20 day of November, 2005.

  
Misha Gregory Macaw

NOV 20 2005

Facsimile No.: 571-273-8300

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

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Bearing Spermatozoa  
TC/AU: 1634  
Examiner: Carla J. Myers  
Assignee: Colorado State University through its agent Colorado State  
University Research Foundation  
Attorney Docket: HrdMgmtCIP  
Customer No. 33549

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**FIRST SUPPLEMENT TO  
RESPONSE AND REQUEST FOR RECONSIDERATION (37 C.F.R. § 1.111)**

This submission is a First Supplement to the Response and Request for Reconsideration filed in the above-referenced case on September 6, 2005. The Response and Request for Reconsideration was filed pursuant to 37 C.F.R. § 1.111 in response to an Office Action dated March 3, 2005, and was filed with an appropriate petition for extension of time.

It is noted that the Applicant's representatives participated in a personal interview with the Examiner on November 15, 2005. Among the issues discussed were certain amendments to the claims. This First Supplement is provided to enact such claims amendments discussed. Moreover, the Applicant intends to effect certain other actions discussed in the personal interview by way of additional supplements, including by providing any necessary affidavits and prior art references upon their availability.

This First Supplement is made in accordance with 37 C.F.R. § 1.121 as amended using the format with each heading beginning on a separate page as follows:

1. Amendments to the claims are reflected in the Listing of Claims beginning on page 3 of this response; and
2. Remarks begin on page 10 of this response.

Each amendment is believed to have been made in accordance with Rule 121. However, should any unintended informality exist, it is requested that the undersigned be contacted by telephone so that the informality may be resolved as expediently as possible.